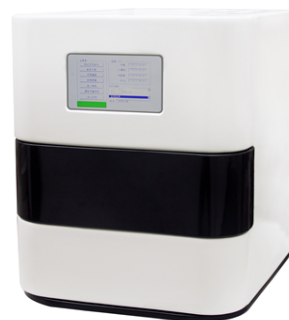


## RDHS-27A Automatic Headspace Sampler

RDHS-27A Automatic Headspace Sampler is a automatic sampling device matched with the gas chromatography analyzer. Compared with the manual sampling mode, the automatic headspace sampler eliminates the complicated



sample pretreatment process and reduces the maintenance cost of the sample inlet and chromatographic column. The instrument is a stable and reliable sample pretreatment instrument, which can be applied to different sample matrices. Automatic analysis, simple operation, high sample carrying capacity and processing capacity. It is widely used in many industries such as drug solvent residue, food flexible packaging, VOC analysis and detection, blood alcohol content detection, tap water analysis and power system insulating oil analysis.



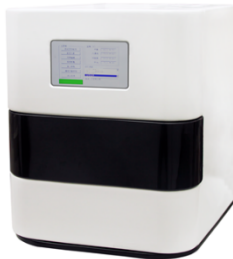
### Product Features

1. 10mL or 20mL headspace bottles can be used to meet a large number of analysis requirements
2. The starting bottle position and the ending bottle position can be set freely to meet the special needs of the site.
3. The shaking function of the sample bottle accelerates the balance time to improve the efficiency and enhance the sensitivity and reproducibility.

4. 6 sample heating positions can be overlapped to save analysis time and realize Zen speed.
5. Automatic detection of missing sample bottles to reduce the confusion of sequence analysis.
6. Accurate temperature control ensures good reproducibility and avoids the risk of wrong results and sample condensation.
7. It can be controlled directly through the touch screen or through software on the computer.
8. Simple and clear operation interface greatly improves work efficiency.



### Product Specifications and Technical Parameters

<b>Picture</b>	
<b>Model. No</b>	<b>RDHS-27A</b>
<b>Main parameters</b>	
Temperature range	15°C to 200°C above room temperature, increment: 1°C
Stability	±0.1°C
Number of sample vials	27
Preheating positions	6
Sample vial volume	10mL or 20mL (Choose one of the two specifications)
Repeatability	RSD ≤ 1.5% (ethanol: water)
Injection pressure range	0 ~ 0.4MPa (continuously adjustable)
<b>Sample vial</b>	
Number	27
Material	Neutral glass
Volume	10mL or 20mL (Choose one of the two specifications)
Septum	Butylene rubber coated with teflon (silicon rubber with teflon, optional)

Vial cap	Aluminum
<b>Equilibration area</b>	
Preheating positions	6
Temperature range	15°C to 200°C above room temperature, increment:1°C
Accuracy	0.5% of the full range
Stability	±0.1°C
<b>Sampling system</b>	
Temperature range	15°C to 200°C above room temperature, increment:1°C
Accuracy	0.5% of the full range
Stability	±0.1°C
Sampling valve	6-way valve (MV65/106HT, optional)
Sampling loop	1mL nickel tube (3mL nickel tube is optional)
<b>Transfer line</b>	
Temperature range	15°C to 200°C above room temperature, increment:1°C
Accuracy	2.0% of the full range
Stability	±0.5°C
<b>Needle</b>	
Temperature range	15°C to 200°C above room temperature, increment:1°C
Accuracy	2.0% of the full range
Stability	±0.5°C
<b>Electric requirement</b>	
Power supply	220V (±10%), 50Hz, 600VA; (110V±10%, 60Hz, 600VA optional)
Fuses	5AT, 250V(220V); (10AT,250V(115V) , optional)



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## Rui Du Mechanical and electrical (Shanghai) Co., Ltd



**TEL:** +86-021-68769756

**Contact:** Nico Zhou

**Position:** Sales Manager

**Email:** [sales@hvtesters.com](mailto:sales@hvtesters.com)

**Website:** [www.hvtesters.com](http://www.hvtesters.com)

**Mob/ WhatsApp:**

**+86-136 6190 8522**